



IFW 3742

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Keith Mario Torpy et al.

SERIAL NO.: 09/787,496

GROUP ART UNIT: 3742

FILED: March 16, 2001

EXAMINER:

FOR: Thin Film Heating Element

ATT'Y DOCKET: HAC-034

Commissioner of Patents  
and Trademarks  
P.O. 1450  
Alexandria, VA 22313

I hereby certify that this correspondence is being deposited on this day with the United States Postal Service as first class mail in an envelope addressed to : Commissioner of Patents and Trademarks, Washington, D.C. 20231.

*David P. Gordon*  
David P. Gordon  
Reg. No. 29,996

*July 15 2004*  
Date

Sir:

SUBMITTAL OF SUPPLEMENTAL  
DOCUMENTS PURSUANT TO DUTY OF DISCLOSURE WITH CERTIFICATION

Pursuant to applicant's duty of disclosure 37 CFR Sections 1.56 and 1.97, enclosed is a completed form PTO-1449 as well as a copy of the cited document which relates to the above-referenced patent application.

The following documents are enclosed:

Russian #886,328; V.F. Belitskii, V.M. Koleshko; E.A Utkina 11/30/81; "Material Film Type Heat Element Produce Comprising Tin Dioxide Rare Earth Element Compound"

#5,633,035, Baba et al.; "Thin-Film Resistor and Process for Producing the Same"; 05/27/97

#4,889,974, Auding et al.; "Thin-Film Heating Element"; 12/26/89

I hereby certify that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Therefore no late fee is due.

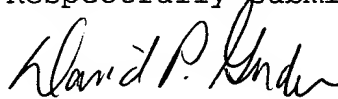
The listed documents are brought to the Examiner's attention because they are known to the applicant and/or the applicant's attorney and may be considered by the Examiner to be material to

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his/her examination. This listing should not be construed as representation that a search has been made or that no better art exists. No inference should be made that the documents are in fact material merely because they are referenced herein. Moreover, no representation is made that the brief descriptions of the references herein necessarily describe the most material aspects of the references. Further, by this listing, the applicant is not making any admission regarding the relative dates of the invention and listed disclosures.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "David P. Gordon".

David P. Gordon  
Reg. #29,996  
Attorney for Applicant(s)

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INFORMATION DISCLOSURE CITATION

PAGE 1 OF 1

Atty Docket No.  
HAC-034Serial No.  
09/787,496Applicant  
Keith Mario Torpy et al.Filed  
March 16, 2001

Group

## US PATENT DOCUMENTS

| Examiner Initials |   | Document No. | Date     | Name          | Class | Sub-class | Filing date if approp. |
|-------------------|---|--------------|----------|---------------|-------|-----------|------------------------|
|                   | A | 5,633,035    | 05/27/97 | Baba et al.   | 427   | 101       |                        |
|                   | B | 4,889,974    | 12/26/89 | Auding et al. | 219   | 543       |                        |
|                   | C |              |          |               |       |           |                        |
|                   | D |              |          |               |       |           |                        |
|                   | E |              |          |               |       |           |                        |
|                   | F |              |          |               |       |           |                        |
|                   | G |              |          |               |       |           |                        |
|                   | H |              |          |               |       |           |                        |
|                   | I |              |          |               |       |           |                        |
|                   | J |              |          |               |       |           |                        |
|                   | K |              |          |               |       |           |                        |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials |  | Document No. | Date     | Country | Class | Sub-class | <u>Translation</u><br>Yes No |  |
|-------------------|--|--------------|----------|---------|-------|-----------|------------------------------|--|
|                   |  | #886,328     | 11/30/81 | Russia  |       |           |                              |  |
|                   |  |              |          |         |       |           |                              |  |
|                   |  |              |          |         |       |           |                              |  |
|                   |  |              |          |         |       |           |                              |  |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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